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FACTS & FIGURES

(DOMESTIC)

PRODUCTION	Recent	Previous	Yr. Ago
Bituminous	14.300	16.305	13.470
Anthracite	125	150	120
Railroad carloadings, Bituminous	99.505	113.446	86.413
Railroad carloadings, Anthracite	651	899	1.576

Production in tons (000), week ended Sept. 8
Carloadings in R.R. cars, week ended Sept. 8
Source: U.S. Dept. of Energy, Energy Information Administration - Weekly Coal Report. Association of American Railroads, Car Service Division - Statement CS-54A.

By States (Bituminous and Lignite)

	Latest	Previous	Yr Ago
Eastern			
Alabama	480	520	419
Georgia	10	15	15
Illinois	1.206	1.276	1.255
Indiana	508	536	514
Kentucky:			
Eastern	2.187	1.829	1.784
Western	840	861	843
Total Ky.	3.027	2.690	2.627
Maryland	100	100	87
Ohio	820	893	932
Pennsylvania	1.960	1.939	1.799
Tennessee	196	214	247
Virginia	882	841	548
West Virginia	2.092	2.033	1.577
Total, Eastern	11.281	11.057	10.020
Western			
Alaska	15	15	15
Arizona	275	250	260
Arkansas	14	15	15
Colorado	234	285	222
Iowa	19	15	5
Kansas	9	14	13
Missouri	112	124	112
Montana	886	750	747
New Mexico	207	200	182
North Dakota	276	307	255
Oklahoma	78	161	99
Texas	425	450	317
Utah	216	248	228
Washington	95	90	88
Wyoming	1.063	1.029	862
Total, Western	3.924	3.953	3.420
Total, United States	15.205	15.010	13.440

In short tons (000), week ended Aug. 11
Source: Dept. of Energy, Energy Information Admin., Weekly Coal Report

Work Force	June 79	May 79	June 78
All employees	249.6	247.6	246.3
Coal mining	246.5	244.5	243.1
Bituminous & lignite			
Production employees			
Coal mining	207.6	206.2	204.6
Bituminous & lignite	204.9	203.5	201.9

Workers in (000), month ended June Preliminary

Weekly Avg—Hrs.			
Coal mining	41.4	41.1	41.2
Bituminous & lignite	41.4	41.1	41.3

Month ended June 30, preliminary

Earnings, hourly average in $			
Coal mining	10.47	10.38	9.50
Bituminous & lignite	10.50	10.41	9.53
Earnings, weekly average			
Coal mining	433.46	426.62	391.40
Bituminous & lignite	434.70	427.85	393.59

Note: June, 1979 data is preliminary
Source: Dept of Labor, Bureau of Labor Statistics - Employment and Earnings

CONSUMPTION	May 1979 Latest	April 1979 Previous	May 1978 Yr. Ago
Electric power Utilities	41.419	38.839	37.126
Bunker, foreign & lake vessel	1	1	1
Manufacturing & mining industries:			
Beehive coke plants	62	63	50
Oven coke plants	6.494	6.366	6.356
Steel & rolling mills	241	225	310
Other mfg. and mining industries including cement	4.228	4.374	4.416
Total, industrial	52.445	49.868	48.259
Retail deliveries	394	465	495
Total, all consumption	52.839	50.333	48.754
In short tons (000), month ended May 31			
User Stocks			
Eelctric power utilities	131.446	122.811	98.481
Manufacturing & mining industries:			
Oven coke plants	8.854	8.317	7.129
Steel & rolling mills	331	340	150
Other mfg. and mining industries including cement	6.054	5.925	4.960
Total, industrial	146.685	137.393	110.720
Retail dealer stocks	315	275	175
Total, all stocks of coal	147.000	137.668	110.895
In short tons (000), month ended May 31			
Days' Supplies			
Electric power utilities	98	95	82
Manufacturing & mining industries:			
Oven coke plants	42	39	35
Steel and rolling mills	42	45	15
Other mfg. and mining industries including cement	44	41	35
Total, industrial	87	83	71
Retail dealer stocks	25	18	11
Total, all coal users	86	82	71

In days, month ended May 31
Source: U.S. Dept. of Energy, Energy Information Admin., Weekly Coal Report

USERS' OUTPUT			
Major direct users:			
Electric utilities (Mil. Kw)	43.370	44.980	44.585
Steel (short tons-ooo)	2.431	2.464	2.640
Cement, portland, U.S. shipments	7.939.759	8.313.071	7.743.182
Other significant output:			
Aluminum, order receipts (Mil. lbs.)			
5-week moving aver. (week Sept. 8	238	242	267
Annual rate	12.227	12.584	13.884
Motor vehicle production, Total (week Sept. 15	204.172	153.318	260.723
Machine tools			
Net new orders July	362.350	422.600	321.550
Shipments	270.750	350.550	208.400

Utilities—week ended Sept. 15; Steel—week ended Sept. 15; Cement—month ended July; Machine Tools—month ended July.
Sources: Edison Electric Institute, American Iron & Steel Institute, U.S. Dept. of Interior, Bureau of Mines, Div. Nonmetallic Minerals, Aluminum Association, Motor Vehicle Manufacturers Assoc., National Machine Tool Builders Assoc.

COAL TRANSPORTATION	Sept.8 Latest	Sept.1 Previous	Yr. Ago
Eastern district			
Bessemer and Lake Erie	1.400	1.770	1.456
Baltimore and Ohio	4.629	5.233	6.601
Chesapeake and Ohio	11.379	13.640	11.919
Consolidated Rail Corp.	7.921	9.475	9.072
Illinois Terminal	158	157	—
Norfolk and Western	15.388	18.558	—
Pittsburgh and Lake Erie	187	189	598
Western Maryland	1.112	1.214	1.528
Other, eastern district	5	1	20
Total, eastern district	42.179	50.237	31.194
Southern district			
Clinchfield Railroad	1.418	1.790	1.972
Illinois Central Gulf	3.556	4.384	4.202
Louisville and Nashville	14.174	16.027	15.190
Southern Railway	6.918	7.847	6.578
Other, southern district	2	19	1
Total, southern district	26.068	30.067	27.943
Western district			
Atchison, Topeka & Santa Fe	925	1.456	898
Burlington Northern	18.272	17.420	14.547
Chicago & North Western	369	439	610
Denver & Rio Grande Western	3.040	3.635	2.573
Kansas City Southern	103	135	61
Chicago, Milwaukee, St. Paul & Pac.	861	1.178	681
Missouri-Kansas-Texas	180	231	177
Missouri Pacific	3.510	4.491	2.869
Chicago, Rock Is. & Pacific	27	27	326
St. Louis-San Francisco	818	813	819
Soo Line	160	117	82
Union Pacific	2.990	3.666	3.439
Other, western district	3	1	194
Total, western district	31.258	33.609	27.276
Total, all districts	99.505	113.913	86.413

Railroad revenue Freight loaded
Source: Assoc. of Amer. Railroads, Car Service Division-Statement CS-54A.

Inland Rivers	Sept.15	Sept.8	Sept.16
Monongahela River, Lock 3	298.042	263.720	370.428
Allegheny River, Lock 2	32.250	36.900	35.100
Ohio River, Montgomery Lock	160.300	233.150	—

In short tons through locks, week ended Sept. 15, 1979
Source: U.S. Army, Corps of Engineers, Pittsburgh District

PRICE INDEXES			
Anthracite	454.5	452.8	441.7
Chestnut, Pa. mine	409.7	408.1	406.0
Buckwheat No. 1, Pa. mine	472.7	465.9	462.9
Bituminous coal	454.9	453.2	441.5
Domestic sizes	573.9	573.9	566.8
Retail dealers	271.5	271.5	268.2
Industrial sizes, spot	394.4	392.0	398.4
Steam electric util. Manufacturing	117.6	115.0	119.5
Metallurgical, high volatile	251.0	251.0	256.1
Metallurgical, low & medium volatile	710.0	710.0	715.9
Industrial sizes, contract	707.1	706.0	703.1
Manufacturing	128.4	128.0	123.3
Metallurgical, high volatile	116.9	116.9	114.7
Coke (Foundry by-product)	104.4	104.4	107.7
Birmingham, Ala.	430.6	430.6	418.8
Milwaukee, Wis.	434.0	—	419.0
Detroit, Mich.	420.4	420.4	405.9
Indianapolis, Ind.	422.4	427.4	415.8
St. Louis, Missouri	437.7	437.7	424.2
Philadelphia, Penna.	286.8	286.8	277.8
	285.8	285.8	276.8

Prices for month of Aug. '79 for Anthracite & Bituminous Coal. Index Bases: For Retail Dealers—Dec. '75=100; For Industrial Sizes—Spot; All Metallurgical & Coke (foundry by-product)—1967=100; Steam Elec. Util.—Dec. '73=100.
Source: U.S. Dept. of Labor: Producer Prices and Price Indexes.

(IMPORTS)

IMPORTS	Latest July 79	Previous June 79	Yr Ago July 78
Bituminous coal			
Australia	—	—	129.770
Canada	74	724	44
Poland	26.461	—	28.602
South Africa	22.200	134.010	111.089
Total, all nations	48.735	134.734	269.505
Coke, suitable for fuel			
Argentina	—	—	—
Belgium	32.325	17.137	—
Canada	17.078	8.541	7.706
Colombia	—	—	—
France	33.599	50.645	11.574
Germany, F.R. (West)	257.314	341.248	530.590
Italy	17.912	—	—
Japan	107.473	148.553	—
Netherlands	—	—	37.481
Norway	—	—	—
Sweden	—	—	—
United Kingdom	—	—	17.029
Total, all nations	465.701	566.124	604.380
Compositions			
Canada	2.461	4.497	1.442
Germany, F.R. (West)	—	—	—
Total, all nations	2.461	4.497	1.442
Coal, other including lignate			
Australia	—	—	—
Canada	3.758	4.363	3.542
China, Taiwan	—	—	—
Germany, F.R. (West)	—	—	—
Hong Kong	—	—	—
Ireland	—	—	—
Japan	—	—	—
Mexico	20	—	—
Netherlands	44	—	—
Poland	35.591	69.855	39.824
South Africa	—	—	—
Total, all nations	39.413	74.218	43.366

In short tons, month ended July 1979
Source: Data derived from that presented in U.S. Dept. of Commerce, Bureau of the Census, Foreign Trade Division - IM 145X

IMPORTS	Latest July 79	Previous June 79	Yr Ago July 78
Bituminous coal			
Australia	—	—	3.212.384
Canada	6.142	65.797	3.740
Poland	842.328	—	915.200
South Africa	444.000	2.835.309	2.196.238
Total, all nations	1.292.470	2.901.106	6.327.562
Coke, suitable for fuel			
Argentina	—	—	—
Belgium	2.685.387	1.490.897	—
Canada	1.420.443	668.465	535.821
Colombia	—	—	—
France	2.966.147	4.325.927	919.627
Germany, F.R. (West)	21.573.670	28.570.883	42.368.363
Italy	1.558.377	—	—
Japan	9.348.416	12.348.167	—
Netherlands	—	—	2.982.029
Norway	—	—	—
Sweden	—	—	—
United Kingdom	—	—	1.297.737
Total, all nations	39.552.440	47.404.340	48.103.577
Compositions			
Canada	67.076	114.071	41.664
Germany, F.R. (West)	—	—	—
Total, all nations	67.076	114.071	41.664
Coal, other including lignate			
Australia	—	—	—
Canada	112.775	134.373	107.514
China, Taiwan	—	—	—
Germany, F.R. (West)	—	—	—
Hong Kong	—	—	—
Ireland	—	—	—
Japan	—	—	—
Mexico	2.560	—	—
Netherlands	1.202	—	—
Poland	1.286.718	2.025.805	1.035.450
South Africa	—	—	—
Total, all nations	1.403.255	2.160.178	1.142.964

IMPORTS	Latest July 79	Previous June 79	Yr Ago July 78
Bituminous coal			
Australia	—	—	24.75
Canada	83.00	90.88	85.00
Poland	31.83	—	32.00
South Africa	20.00	21.16	19.77
Total, all nations	26.52	21.53	23.48
Coke, suitable for fuel			
Argentina	—	—	—
Belgium	83.07	87.00	—
Canada	83.17	78.27	69.53
Colombia	—	—	—
France	88.28	85.42	79.46
Germany, F.R. (West)	83.84	83.72	79.85
Italy	87.00	—	—
Japan	86.98	83.12	—
Netherlands	—	—	79.56
Norway	—	—	—
Sweden	—	—	—
United Kingdom	—	—	76.21
Total, all nations	84.93	83.73	79.59
Compositions			
Canada	27.26	25.37	28.89
Germany, F.R. (West)	—	—	—
Total, all nations	27.26	25.37	28.89
Coal, other including lignate			
Australia	—	—	—
Canada	30.01	30.80	30.35
China, Taiwan	—	—	—
Germany, F.R. (West)	—	—	—
Hong Kong	—	—	—
Ireland	—	—	—
Japan	—	—	—
Mexico	128.00	—	—
Netherlands	27.31	—	—
Poland	36.15	28.76	26.00
South Africa	—	—	—
Total, all nations	35.60	29.11	26.36

FACTS & FIGURES

(EXPORTS)

PHYSICAL VOLUME

Low volatile bituminous coal and blends to make coke:	Latest	Previous	Yr Ago
Asia & Africa			
China, Taiwan	72,446	—	25,230
Egypt	122,803	—	90,486
Iran	—	—	—
Israel	—	—	—
Japan	1,139,189	1,303,938	840,397
Korea, South	67,381	94,871	—
Kuwait	—	60	—
Saudi Arabia	—	—	—
Turkey	47,066	140,882	23,424
Total, Asia & Africa	1,448,885	1,539,751	979,537
Europe			
Albania	17,118	17,118	—
Belgium	352,031	162,055	65,002
France	264,649	167,218	135,227
Germany, D.R.	—	—	—
Germany, F.R. (West)	147,358	153,419	54,566
Italy	375,503	346,452	298,883
Netherlands	130,987	213,392	90,981
Norway	11,670	37,482	—
Portugal	—	64,838	7,275
Romania	—	121,216	60,627
Spain	35,363	167,632	108,711
Sweden	52,886	110,108	44,495
United Kingdom	39,903	64,165	68,440
Yugoslavia	143,551	168,601	39,917
Total, Europe	1,571,019	1,793,696	974,124
Western Hemisphere			
Argentina	119,899	57,914	64,702
Barbados	—	—	—
Brazil	292,201	301,738	127,514
Canada	987,367	739,535	415,756
Chile	4,253	—	—
Costa Rica	—	—	—
Honduras	—	—	5
Mexico	49,631	48,680	41,631
Peru	—	—	—
Venezuela	—	—	—
Total, Western Hemisphere	1,453,351	1,147,367	649,608
Total, all nations	4,473,255	4,480,814	2,603,269
Bituminous coal, others:			
Asia & Africa			
China, Taiwan	959	—	—
Egypt	101,763	—	—
Japan	82,392	15,605	10,277
Saudi Arabia	—	—	—
Singapore	—	—	—
South Africa	10	—	—
Total, Asia & Africa	185,124	15,605	10,277
Europe			
Germany, D.R. (East)	—	—	—
Germany, F.R. (West)	58,784	—	—
Italy	—	—	7,090
Netherlands	—	—	—
Spain	—	80,289	—
United Kingdom	—	—	—
Total, Europe	58,784	80,289	7,090
Western Hemisphere			
Brazil	—	—	—
Canada	1,531,623	1,315,138	906,279
Dominican Republic	—	—	211
Honduras	—	—	—
Jamaica	14	—	—
Mexico	45	2,633	3,981
Panama	—	—	—
Peru	138	—	—
Surinam	—	18	—
Venezuela	—	34	—
Total Western Hemisphere	1,531,820	1,317,823	910,471
Total, all nations	1,775,728	1,413,717	927,838
Lignite:			
Asia & Africa			
Algeria	—	25	—
Arab Em.	173	11	—
Australia	—	—	—
Cameroon	—	—	—
Egypt	—	—	—
Gabon	—	—	—
India	22	—	—
Iraq	440	—	—
Israel	—	—	—
Japan	110	67	—
Libya	—	—	—
New Zealand	—	30	—
Nigeria	60	—	—
Oman	—	—	—
Philippine Rep.	—	—	—
Quatar	—	—	—
Saudi Arabia	—	—	—
Singapore	34	62	512
Tanzania	—	—	—
Tunisia	—	21	—
Zaire	—	—	—
Total, Asia & Africa	839	216	512
Europe			
France	—	—	17
Germany, F.R. (West)	—	44	—
Italy	89	—	—
Netherlands	—	—	—
Norway	—	—	—
Spain	—	—	—
Switzerland	17	—	—
United Kingdom	—	—	30
Total, Europe	106	44	47
Western Hemisphere			
Argentina	—	54	44
Brazil	—	12	—
Canada	1,621	1,749	690
Chile	—	—	—
Colombia	19	—	—
French West Indies	—	—	—
Mexico	165	990	636
Peru	—	—	—
Trinidad	—	—	—
Venezuela	—	—	—
Total, Western Hemisphere	1,805	2,805	1,370
Total, all nations	2,750	3,065	1,929

DOLLAR VALUE

Low volatile bituminous coal and blends to make coke:	Latest	Previous	Yr Ago
Asia & Africa			
China, Taiwan	4,571,145	—	1,503,903
Egypt	6,196,901	—	3,473,200
Iran	—	—	—
Israel	—	—	—
Japan	65,557,009	77,236,158	47,740,200
Korea, South	3,369,030	4,796,743	—
Kuwait	—	2,609	—
Saudi Arabia	—	—	—
Turkey	2,227,221	6,753,484	1,129,367
Total, Asia & Africa	81,921,315	88,788,994	53,846,670
Europe			
Albania	799,740	799,718	—
Belgium	17,939,254	7,062,506	3,366,211
France	13,964,727	9,402,639	6,909,165
Germany, D.R.	—	—	—
Germany, F.R. (West)	7,636,862	6,544,915	3,113,208
Italy	19,959,896	17,250,883	14,799,147
Netherlands	7,362,087	11,106,892	4,787,346
Norway	799,858	1,666,176	—
Portugal	—	3,831,005	545,625
Romania	—	5,597,270	2,640,000
Spain	1,907,734	8,573,944	5,676,871
Sweden	2,494,832	6,154,631	2,530,166
United Kingdom	2,163,578	3,581,439	3,797,189
Yugoslavia	6,875,881	8,034,098	2,133,072
Total, Europe	81,904,449	89,606,116	50,298,000
Western Hemisphere			
Argentina	5,801,790	2,756,112	3,482,336
Barbados	—	—	—
Brazil	16,670,172	17,530,248	6,813,702
Canada	56,944,032	41,762,223	22,873,576
Chile	242,117	—	—
Costa Rica	—	—	—
Honduras	—	—	950
Mexico	2,384,738	2,427,870	1,897,299
Peru	—	—	—
Venezuela	—	—	—
Total, Western Hemisphere	82,042,849	64,476,453	35,067,863
Total, all nations	245,868,613	242,871,563	139,212,533
Bituminous coal, others:			
Asia & Africa			
China, Taiwan	38,360	—	—
Egypt	5,393,439	—	—
Japan	4,305,333	830,982	483,060
Saudi Arabia	—	—	—
Singapore	—	—	—
South Africa	5,064	—	—
Total, Asia & Africa	9,742,196	830,982	483,060
Europe			
Germany, D.R. (East)	—	—	—
Germany, F.R. (West)	2,714,421	—	—
Italy	—	—	294,345
Netherlands	—	—	—
Spain	—	3,558,141	—
United Kingdom	—	—	—
Total, Europe	2,714,421	3,558,141	294,345
Western Hemisphere			
Brazil	—	—	—
Canada	59,138,250	52,294,266	33,527,501
Dominican Republic	—	—	36,273
Honduras	—	—	—
Jamaica	3,136	—	—
Mexico	1,808	114,105	157,874
Panama	—	—	—
Peru	5,440	—	—
Surinam	—	1,530	—
Venezuela	—	3,426	—
Total Western Hemisphere	59,148,634	52,413,327	33,721,648
Total, all nations	71,605,251	56,802,450	34,499,053
Lignite:			
Asia & Africa			
Algeria	—	8,385	—
Arab Em.	78,986	6,774	—
Australia	—	—	—
Cameroon	—	—	—
Egypt	—	—	—
Gabon	—	—	—
India	8,448	—	—
Iraq	165,349	—	—
Israel	—	—	—
Japan	12,122	7,435	—
Libya	—	—	—
New Zealand	—	9,264	—
Nigeria	28,427	—	—
Oman	—	—	—
Philippine Rep.	—	—	—
Quatar	—	—	—
Saudi Arabia	—	—	—
Singapore	10,064	19,985	213,959
Tanzania	—	—	—
Tunisia	—	13,548	—
Zaire	—	—	—
Total, Asia & Africa	303,396	65,391	213,959
Europe			
France	—	—	6,281
Germany, F.R. (West)	—	6,600	—
Italy	56,297	—	—
Netherlands	—	—	—
Norway	—	—	—
Spain	—	—	—
Switzerland	8,709	—	—
United Kingdom	—	—	11,572
Total, Europe	65,006	6,600	17,853
Western Hemisphere			
Argentina	—	6,749	1,636
Brazil	—	10,531	—
Canada	238,902	275,734	60,441
Chile	—	—	—
Colombia	11,814	—	—
French West Indies	—	—	—
Mexico	10,560	48,915	36,657
Peru	—	—	—
Trinidad	—	—	—
Venezuela	—	—	—
Total, Western Hemisphere	261,276	341,929	98,734
Total, all nations	629,678	413,920	330,546

PRICES—Average Value per Short Ton

Low volatile bituminous coal and blends to make coke:	Latest	Previous	Yr Ago
Asia & Africa			
China, Taiwan	63.10	—	59.61
Egypt	50.46	—	38.38
Iran	—	—	—
Israel	—	—	—
Japan	57.55	59.23	56.81
Korea, South	50.00	50.56	—
Kuwait	—	43.48	—
Saudi Arabia	—	—	—
Turkey	47.32	47.94	48.21
Total, Asia & Africa	56.54	57.66	54.97
Europe			
Albania	46.72	46.72	—
Belgium	50.96	43.58	51.79
France	52.77	56.23	51.09
Germany, D.R.	—	—	—
Germany, F.R. (West)	51.83	42.66	57.05
Italy	53.16	49.79	49.51
Netherlands	56.20	52.05	52.62
Norway	68.54	44.45	—
Portugal	—	59.09	75.00
Romania	—	46.18	43.54
Spain	53.95	51.15	52.22
Sweden	47.17	55.90	56.86
United Kingdom	54.22	55.82	55.48
Yugoslavia	47.90	47.65	53.44
Total, Europe	52.13	49.96	51.63
Western Hemisphere			
Argentina	48.39	47.59	53.82
Barbados	—	—	—
Brazil	57.05	58.19	53.43
Canada	57.67	56.47	55.02
Chile	56.93	—	—
Costa Rica	—	—	—
Honduras	—	—	190.00
Mexico	48.05	49.87	45.57
Peru	—	—	—
Venezuela	—	—	—
Total, Western Hemisphere	56.45	56.20	53.98
Total, all nations	54.96	54.20	53.48
Bituminous coal, others:			
Asia & Africa			
China, Taiwan	40.00	—	—
Egypt	53.00	—	—
Japan	52.25	53.25	47.00
Saudi Arabia	—	—	—
Singapore	—	—	—
South Africa	506.40	—	—
Total, Asia & Africa	52.63	53.25	47.00
Europe			
Germany, D.R. (East)	—	—	—
Germany, F.R. (West)	46.18	—	—
Italy	—	—	41.52
Netherlands	—	—	—
Spain	—	44.32	—
United Kingdom	—	—	—
Total, Europe	46.18	44.32	41.52
Western Hemisphere			
Brazil	—	—	—
Canada	38.61	39.76	36.99
Dominican Republic	—	—	171.91
Honduras	—	—	—
Jamaica	224.00	—	—
Mexico	40.18	43.34	39.66
Panama	—	—	—
Peru	39.42	—	—
Surinam	—	85.00	—
Venezuela	—	100.76	—
Total Western Hemisphere	38.61	39.77	37.04
Total, all nations	40.32	40.18	37.18
Lignite:			
Asia & Africa			
Algeria	—	335.40	—
Arab Em.	456.57	615.82	—
Australia	—	—	—
Cameroon	—	—	—
Egypt	—	—	—
Gabon	—	—	—
India	384.00	—	—
Iraq	375.79	—	—
Israel	—	—	—
Japan	110.20	110.97	—
Libya	—	—	—
New Zealand	—	308.80	—
Nigeria	473.78	—	—
Oman	—	—	—
Philippine Rep.	—	—	—
Quatar	—	—	—
Saudi Arabia	—	—	—
Singapore	296.00	322.34	417.89
Tanzania	—	—	—
Tunisia	—	645.14	—
Zaire	—	—	—
Total, Asia & Africa	361.62	302.74	417.89
Europe			
France	—	—	369.47
Germany, F.R. (West)	—	150.00	—
Italy	632.55	—	—
Netherlands	—	—	—
Norway	—	—	—
Spain	—	—	—
Switzerland	512.29	—	—
United Kingdom	—	—	385.73
Total, Europe	613.26	150.00	379.85
Western Hemisphere			
Argentina	—	124.98	37.18
Brazil	—	877.58	—
Canada	147.38	157.65	87.60
Chile	—	—	—
Colombia	621.79	—	—
French West Indies	—	—	—
Mexico	64.00	49.41	57.64
Peru	—	—	—
Trinidad	—	—	—
Venezuela	—	—	—
Total, Western Hemisphere	144.75	121.90	72.07
Total, all nations	228.97	135.05	171.36

FACTS & FIGURES

(EXPORTS)

Coal coke, except calcined	Latest	Previous	Yr.Ago
Canada	—	—	7,932
Guatemala	—	—	542
Mexico	—	—	3,958
Spain	—	—	25,919
Total, all nations	—	—	38,351
Petroleum coke, except calcined			
Asia & Africa			
China, Taiwan	—	—	—
Japan	123,102	187,765	128,242
South Africa	—	—	—
Total, Asia & Africa	123,102	187,765	128,242
Europe			
Belgium	86,862	62,162	61,000
France	57,814	40,727	52,134
Germany, F.R. (West)	19,551	42,090	50,159
Italy	88,153	58,553	13,768
Netherlands	56,225	131,134	78,388
Norway	—	—	1,171
Spain	59,290	—	57,851
Sweden	—	—	—
United Kingdom	—	—	86
Total, Europe	367,895	334,666	314,557
Western Hemisphere			
Brazil	—	22,461	—
Canada	183,218	101,445	91,707
Guyana	—	—	—
Mexico	2,392	1,893	2,233
Venezuela	3,628	—	2,437
Total, Western Hemisphere	189,238	125,799	96,377
Total, all nations	680,235	648,230	539,176
Coal coke, for use as fuel			
Asia & Africa			
Turkey	—	—	—
Europe			
Belgium	21,069	—	—
Germany, F.R. (West)	—	27,440	—
Netherlands	87,185	54,806	—
Spain	—	—	—
United Kingdom	—	22,973	—
Total, Europe	108,254	105,219	—
Western Hemisphere			
Bahamas	—	—	—
Brazil	—	58	—
Canada	41,670	68,725	—
Honduras	—	—	—
Mexico	4,933	6,165	—
Panama	23	—	—
Venezuela	49	15,289	—
Total, Western Hemisphere	46,675	90,237	—
Total, all nations	154,929	195,456	—
Compositions used for fuel			
Asia & Africa			
Japan	—	—	—
Europe			
Netherlands	—	122	18
United Kingdom	—	—	—
Total, Europe	—	122	18
Western Hemisphere			
Bahamas	—	—	—
Bermuda	—	—	20
Canada	705	1,299	3,908
Cayman	—	—	—
Leeward & Windward Is.	—	10	—
Mexico	166	82	66
Neth. Antilles	—	—	6
Peru	—	—	—
Total, Western Hemisphere	871	1,391	4,000
Total, all nations	871	1,513	4,018
Anthracite coal			
Asia & Africa			
Australia	318	1,091	—
Iran	—	—	—
Japan	—	3,646	—
Korea, Rep. (South)	33,003	62,596	—
Libya	5	—	—
New Zealand	20	21	—
Nigeria	—	—	—
Philippine Rep.	—	14	100
Saudi Arabia	—	—	—
Total, Asia & Africa	33,346	67,368	100
Europe			
Belgium	—	—	20
France	3,530	70	78
Germany, F.R. (West)	—	—	—
Italy	—	—	—
Netherlands	—	—	—
Norway	—	—	—
Spain	—	—	—
Sweden	—	—	—
United Kingdom	—	—	—
Total, Europe	3,530	70	98
Western Hemisphere			
Argentina	—	—	—
Brazil	—	—	—
Bolivia	—	—	4,670
Canada	8,842	10,108	36,348
Chile	192	—	80
Colombia	25	—	—
Costa Rica	—	—	—
Dominican Republic	—	—	—
Ecuador	—	—	—
Honduras	6	—	—
Mexico	1,272	1,835	1,598
Peru	—	—	—
Surinam	45	48	—
Trinidad	—	—	74
Venezuela	518	1,000	—
Total, Western Hemisphere	10,900	12,991	42,770
Total, all nations	47,776	80,429	42,968

Coal coke, except calcined	Latest	Previous	Yr.Ago
Canada	—	—	785,268
Guatemala	—	—	19,291
Mexico	—	—	516,758
Spain	—	—	894,235
Total, all nations	—	—	2,215,552
Petroleum coke, except calcined			
Asia & Africa			
China, Taiwan	—	—	—
Japan	3,259,125	5,840,132	3,650,545
South Africa	—	—	—
Total, Asia & Africa	3,259,125	5,840,132	3,650,545
Europe			
Belgium	2,487,968	3,286,763	1,269,195
France	1,689,926	1,212,875	1,584,356
Germany, F.R. (West)	571,476	974,857	1,607,119
Italy	2,531,568	2,128,085	393,427
Netherlands	1,571,606	3,090,482	2,511,553
Norway	—	—	52,941
Spain	1,482,247	—	1,280,161
Sweden	—	—	—
United Kingdom	—	—	2,413
Total, Europe	10,334,791	10,693,062	8,701,165
Western Hemisphere			
Brazil	—	718,780	—
Canada	4,922,494	2,530,221	2,355,348
Guyana	—	—	—
Mexico	170,008	97,683	141,491
Venezuela	300,000	—	192,344
Total, Western Hemisphere	5,392,502	3,346,684	2,689,183
Total, all nations	18,986,418	19,879,878	15,040,893
Coal coke, for use as fuel			
Asia & Africa			
Turkey	—	—	—
Europe			
Belgium	678,532	—	—
Germany, F.R. (West)	—	1,496,380	—
Netherlands	3,740,905	2,586,165	—
Spain	—	—	—
United Kingdom	—	854,493	—
Total, Europe	4,419,437	4,937,038	—
Western Hemisphere			
Bahamas	—	—	—
Brazil	—	7,832	—
Canada	3,150,630	3,704,041	—
Honduras	—	—	—
Mexico	664,741	805,723	—
Panama	4,075	—	—
Venezuela	4,642	857,539	—
Total, Western Hemisphere	3,824,088	5,374,635	
Total, all nations	8,243,525	10,311,673	—
Compositions used for fuel			
Asia & Africa			
Japan	—	—	—
Europe			
Netherlands	—	34,374	4,766
United Kingdom	—	—	—
Total, Europe	—	34,374	4,766
Western Hemisphere			
Bahamas	—	—	—
Bermuda	—	—	4,231
Canada	102,818	182,190	277,773
Cayman	—	—	—
Leeward & Windward Is.	—	1,276	—
Mexico	33,409	13,627	10,175
Neth. Antilles	—	—	1,654
Peru	—	—	—
Total, Western Hemisphere	136,227	197,093	293,833
Total, all nations	136,227	231,467	298,599
Anthracite coal			
Asia & Africa			
Australia	31,147	179,376	—
Iran	—	—	—
Japan	—	397,003	—
Korea, Rep. (South)	1,556,902	2,952,953	—
Libya	1,672	—	—
New Zealand	1,754	2,342	—
Nigeria	—	—	—
Philippine Rep.	—	2,000	9,270
Saudi Arabia	—	—	—
Total, Asia & Africa	1,591,475	3,533,674	9,270
Europe			
Belgium	—	—	2,098
France	168,149	6,369	7,264
Germany, F.R. (West)	—	—	—
Italy	—	—	—
Netherlands	—	—	—
Norway	—	—	—
Spain	—	—	—
Sweden	—	—	—
United Kingdom	—	—	—
Total, Europe	168,149	6,369	9,362
Western Hemisphere			
Argentina	—	—	—
Brazil	—	—	—
Bolivia	—	—	294,582
Canada	569,766	636,118	2,074,850
Chile	27,550	—	8,567
Colombia	4,305	—	—
Costa Rica	—	—	—
Dominican Republic	—	—	—
Ecuador	—	—	—
Donduras	1,500	—	—
Mexico	83,567	149,830	94,548
Peru	—	—	—
Surinam	7,200	7,500	—
Trinidad	—	—	9,323
Venezuela	64,088	189,531	—
Total, Western Hemisphere	757,976	982,979	2,481,870
Total, all nations	2,517,600	4,523,022	2,500,502

Coal coke, except calcined	Latest	Previous	Yr.Ago
Canada	—	—	99.00
Guatemala	—	—	35.59
Mexico	—	—	130.56
Spain	—	—	34.50
Total, all nations	—	—	57.77
Petroleum coke, except calcined			
Asia & Africa			
China, Taiwan	—	—	—
Japan	26.47	31.10	28.47
South Africa	—	—	—
Total, Asia & Africa	26.47	31.10	28.47
Europe			
Belgium	28.64	52.87	20.81
France	29.23	29.78	30.39
Germany, F.R. (West)	29.23	23.16	32.04
Italy	28.72	36.34	28.58
Netherlands	27.95	23.57	32.04
Norway	—	—	45.21
Spain	25.00	—	22.13
Sweden	—	—	—
United Kingdom	—	—	28.06
Total, Europe	28.09	31.95	27.66
Western Hemisphere			
Brazil	—	32.00	—
Canada	26.87	24.94	25.68
Guyana	—	—	—
Mexico	71.07	51.60	63.36
Venezuela	82.69	—	78.93
Total, Western Hemisphere	28.50	26.60	27.90
Total, all nations	27.91	30.67	27.90
Coal coke, for use as fuel			
Asia & Africa			
Turkey	—	—	—
Europe			
Belgium	32.21	—	—
Germany, F.R. (West)	—	54.53	—
Netherlands	42.91	47.19	—
Spain	—	—	—
United Kingdom	—	37.20	—
Total, Europe	40.82	46.92	—
Western Hemisphere			
Bahamas	—	—	—
Brazil	—	135.03	—
Canada	75.61	53.90	—
Honduras	—	—	—
Mexico	134.75	130.61	—
Panama	177.17	—	—
Venezuela	94.73	56.09	—
Total, Western Hemisphere	81.93	59.56	—
Total, all nations	53.21	52.76	—
Compositions used for fuel			
Asia & Africa			
Japan	—	—	—
Europe			
Netherlands	—	281.75	264.78
United Kingdom	—	—	—
Total, Europe	—	281.75	264.78
Western Hemisphere			
Bahamas	—	—	—
Bermuda	—	—	211.55
Canada	145.84	140.25	71.08
Cayman	—	—	—
Leeward & Windward Is.	—	127.60	—
Mexico	201.26	166.18	154.17
Neth. Antilles	—	—	275.67
Peru	—	—	—
Total, Western Hemisphere	156.40	141.69	73.46
Total, all nations	156.40	152.99	74.32
Anthracite coal			
Asia & Africa			
Australia	97.94	164.41	—
Iran	—	—	—
Japan	—	108.89	—
Korea, Rep. (South)	47.17	47.17	—
Libya	334.40	—	—
New Zealand	87.70	111.52	—
Nigeria	—	—	—
Philippine Rep.	—	142.86	92.70
Saudi Arabia	—	—	—
Total, Asia & Africa	47.73	52.45	92.70
Europe			
Belgium	—	—	104.90
France	47.63	90.99	93.13
Germany, F.R. (West)	—	—	—
Italy	—	—	—
Netherlands	—	—	—
Norway	—	—	—
Spain	—	—	—
Sweden	—	—	—
United Kingdom	—	—	—
Total, Europe	47.63	90.99	95.53
Western Hemisphere			
Argentina	—	—	—
Brazil	—	—	—
Bolivia	—	—	63.08
Canada	64.43	62.93	57.08
Chile	143.49	—	107.09
Colombia	172.20	—	—
Costa Rica	—	—	—
Dominican Republic	—	—	—
Ecuador	—	—	—
Honduras	250.00	—	—
Mexico	65.70	81.65	59.17
Peru	—	—	—
Surinam	160.00	156.25	—
Trinidad	—	—	125.99
Venezuela	123.72	189.52	—
Total, Western Hemisphere	69.54	75.67	58.03
Total, all nations	52.70	56.24	58.19

In short tons month ended July 1979 Source: Data derived from that presented in U.S. Dept. of Commerce, Bureau of the Census, Foreign Trade Division - IM 145X

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Coal Industry News

COAL'S NATIONAL NEWSPAPER

Bi-weekly $1.00 | October 15, 1979 | Volume 3, Number 21

[illegible]
CONGRESSIONAL INFO SVC
[illegible] JEANNE LONG 9999
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NOTED BRIEFLY. . .

Investor-owned utilities continued to cut back their spending plans in the second quarter, according to the Conference Board. The report placed second-quarter appropriations by the nation's electric and gas utilities at a seasonally adjusted $5.85-billion, a drop of 17 percent from the first quarter, but slightly ahead of the $5.77-billion of a year ago. The decline was more pronounced in electric utilities where appropriations fell to $4.8-billion from $5.9-billion in the first three months of this year.

Allegheny Ludlum expects industry shipments of stainless and other specialty steels to fall off around November and not pick up again until the final quarter of 1980. Speaking at the completion of the company's $100-million modernization program at its Brackenridge, Pa., works, Richard P. Simmons, president, forecast a decline of 5 to 15 percent in 1980 shipments against earlier projections. However, he still looks for shipments this year to meet or even exceed the record high of 1,345,000 tons shipped in 1974 unless the economy falls faster than expected.

The Bituminous Coal Operators Association appears to be faced with the defection of the steel industry in future negotiations. The Wall Street Journal reported that executives of at least four major steel companies met in Washington with coal industry leaders seeking to increase steel's role in bargaining. If an agreement cannot be reached, it was reported the steel companies would withdraw from BCOA and negotiate on their own, following similar action by Consolidation Coal in May.

The question of "corporate free speech" is going to be decided by the Supreme Court. That body agreed to rule whether Con Edison has the right to send statements on controversial public issues along with monthly bills to its customers. New York courts have upheld the Public Service Commission which ruled utilities cannot send such messages to the "captive audience" of customers. Con Edison is not challenging the PSC's ruling that costs of such messages be borne by stockholders instead of customers as part of the rate base.

Westinghouse Electric and Northeast Utilities of Hartford, Conn., have agreed to an out-of-court settlement over uranium supply contracts. Westinghouse estimated cost of the settlement at $22.6-million pre-tax, but Northeast said the value to it would be $60-million.

Continued on Page 18

AISI Tour

STEEL LEADERS ASK SANE CLEAN-UP

By ROBERT E. BEDINGFIELD

CHICAGO — The steel industry last month mounted an earnest effort to impress upon the country the dangers of pursuing environmental purity without regard for costs or injurious side effects on employment and production.

The American Iron & Steel Institute, the industry's trade association, was host to some 50 reporters of the general press as well as trade publications on a three-day tour of the Chicago district's steelmaking facilities, including Illinois' newest, and deepest coal mine — Inland Steel Company's Mine No. 2 at McLeansboro, Ill.

The press representatives were the targets of several major speeches aimed at convincing them that there are reasons to stop, look and ponder before insisting on all the goals of the environmentalists.

"America's iron and steel industry will continue its strong commitment to environmental control," said Reynold C. MacDonald, chairman and chief executive officer of Interlake, Inc., but Mr. MacDonald called upon government "to base its environmental legislation and laws on scientific, technical and economic knowledge."

The "over-zealousness of government and citizen groups in the early '70s," said Mr. MacDonald, "for instant high quality environment was made with little knowledge of the tremendous costs involved for which the industry is paying today in terms of modernization, capitalization, competition and jobs.

"The overall effect was to require too much too soon."

He pointed out that since 1951 the steel makers have spent $3.7 billion for pollution control facilities through the end of 1978, and disclosed that a recent study by Arthur D. Little, the Cambridge, Mass. research organization had found that the industry would have to spend another $5 billion to achieve the 1982 goals of the Clean Air Act and the 1984 goals of the Clean Water Act.

The Arthur D. Little study, Mr. MacDonald reported, also projected the steel industry's operating costs by 1985 for maintenance of its environmental installations alone will be running at the rate of $3.6 billion a year, or 10 percent of mill operating costs. "That's a conservative estimate," the Interlake executive said, adding that water standards and other

(Continued on page 2)

DOE

Duncan's Private War

By STUART MAGOWAN

WASHINGTON — The classic Abbott and Costello "Who's on first?" comedy routine is echoing tragi-comically around the halls of the Department of Energy these days, as the bosses and the underlings alike try to figure out exactly what Energy Secretary Charles Duncan has in mind for the department.

Safe on first and second are Duncan as Secretary and John Sawhill, newly in place as Deputy Secretary. But that's about all that can be said with any certainty at this point.

Allusions to "Pentagon North," and the "recapture of the Forrestal Building by the Defense Department," are the black humor of the day among holdovers from the Schlesinger era, as Duncan imports both Pentagon people and Pentagon methodology to run his new fiefdom.

When James Schlesinger was named Secretary of Energy by President Carter two years ago, he demanded and got the

(Continued on page 21)

SO^2 RULES

Ohio Sees Hope Dim for Change

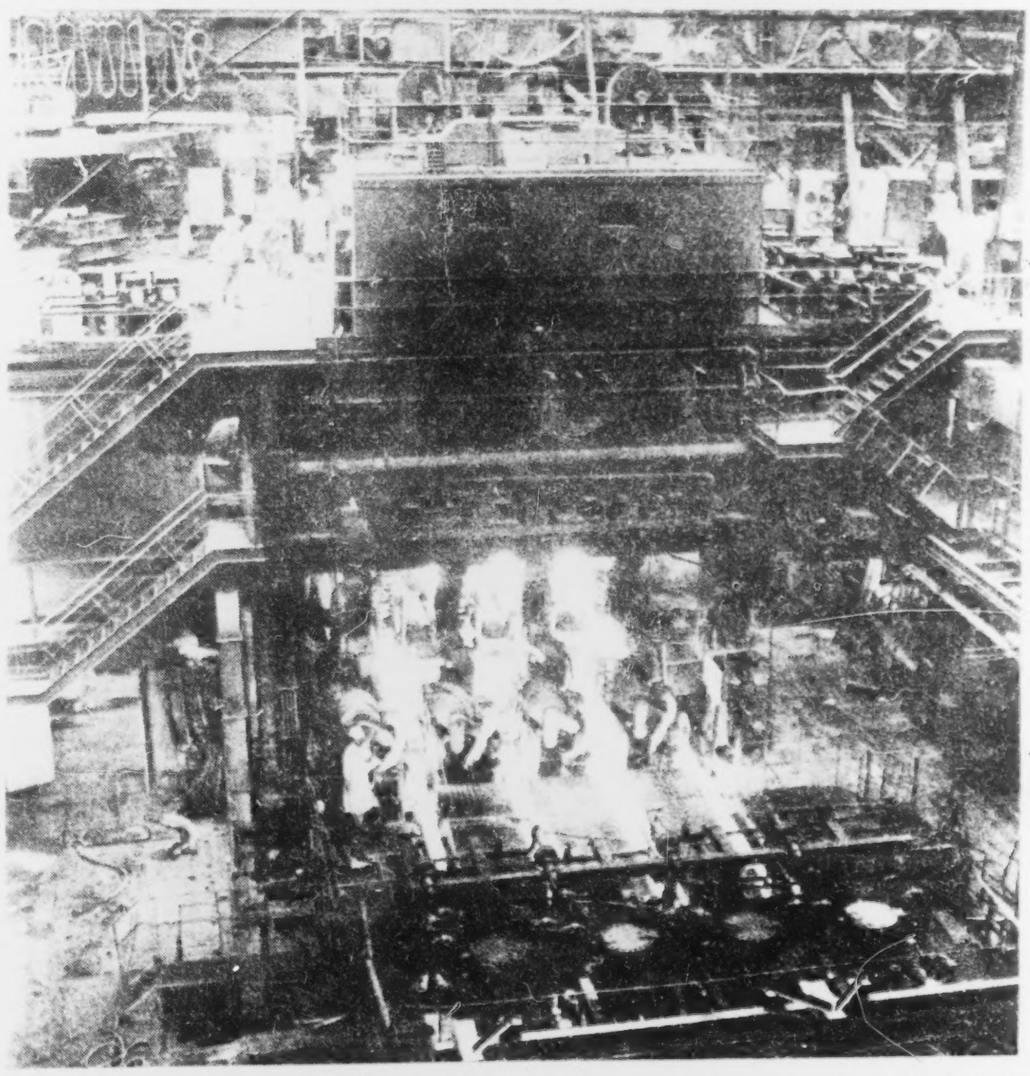
By MIKE MYER

With only a few days left before Federal sulfur dioxide air pollution regulations are to go into effect in Ohio, the state's miners, coal companies and utilities are being given little hope the regulations will change from a plan that could idle thousands of miners.

But the Environmental Protection Agency, in a shift from its previous stand, now says the impact of the regulations will be far less severe than previously believed.

State officials, miners, coal companies and utilities had hoped an Ohio EPA plan to control SO_2 emissions from industries and power plants would be accepted by the U.S. EPA. The state plan would have allowed utilities and industries to continue using Ohio high-sulfur coal at about the current level.

(Continued on page 21)



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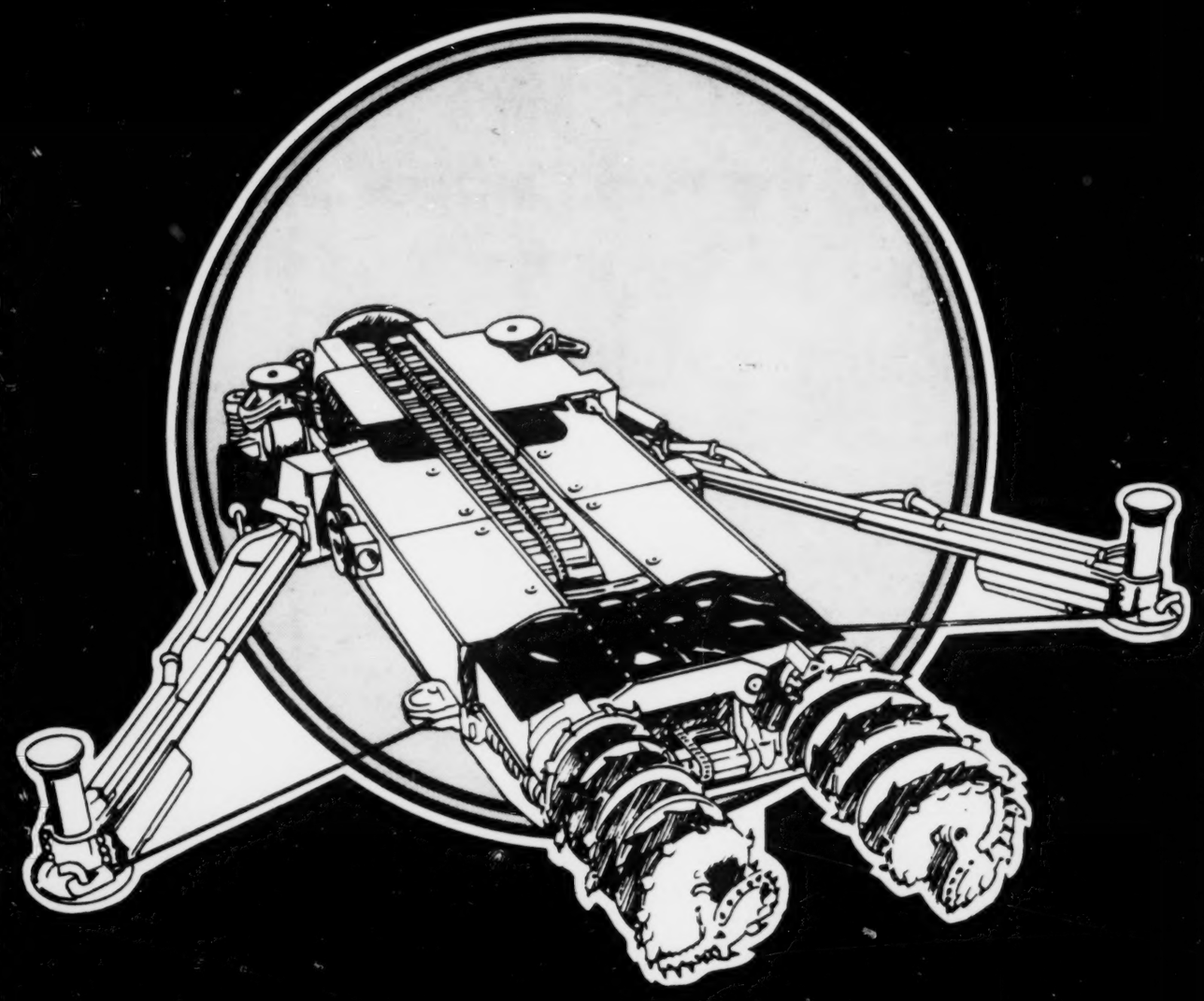

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J I CASE AIMS TO CUT EQUIPMENT THEFT

RACINE, Wis. — If the recovery rate of stolen construction equipment is to be improved, then the interested parties must know how they can help each other, and the importance of accurate record keeping, according to Earl O. Christianson, director of security for the J I Case Company.

To help in this effort, Case has introduced a nationwide Theft Prevention Education Program through its dealers to bring equipment owners, law enforcement agencies and the news media together so that close cooperation can be developed.

"Law enforcement agencies need to be made aware of what help equipment owners, dealers and equipment manufacturers can provide," Christianson said, "and this primarily involves machine descriptions and correct reporting of product identification numbers."

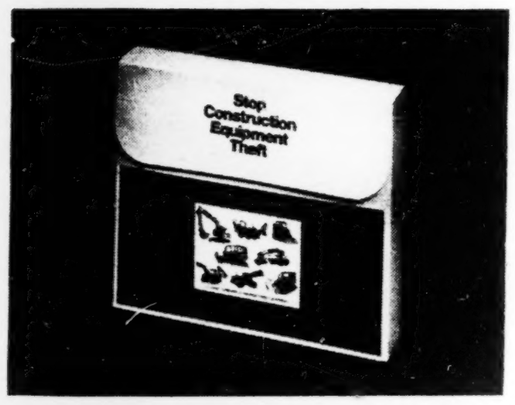
Christianson noted: "All available product serial numbers must be provided to law enforcement quickly and accurately. Local police authorities in turn must use this information in conjunction with N.C.I.C. — the National Crime Information Center, administered by the F.B.I. in Washington D.C." he continued. "N.C.I.C. computers are linked to law enforcement computer terminals in all 50 states and Canada," he said.

EARL O. CHRISTIANSON: "chances of recovering equipment will be greatly improved."

"If these procedures are closely followed," Christianson said, "then chances of recovering equipment will be greatly improved."

To help insure that the correct procedures are undertaken, Case has prepared a list of steps equipment owners should follow. They are:

1. Immediately on delivery of purchased machinery, ask the dealer to assist in locating and recording the product identification number and serial numbers of all components.
2. File the recorded numbers where they are readily accessible for quick reference.
3. Make frequent inventory checks of all equipment for quick detection of any thefts.
4. In the event of theft, notify your local law enforcement agency. Provide investigators with all serial numbers. Remind the officers to submit the information to the N.C.I.C. by recording the theft in the stolen vehicle file.
5. Notify the equipment dealer and ask him to provide the police with photographs and description of the type of equipment stolen, and the location of the serial numbers.
6. Within 24 to 72 hours following the initial theft report, contact the law enforcement agency and request an N.C.I.C. administrative check on the product identification number of the stolen machine. This check is to confirm that the number has been accurately recorded with N.C.I.C.
7. Make periodic contacts with the investigating officers for any recent information pertaining to the theft of your equipment.



EQUIPMENT DEALERS KIT has been prepared by J I Case in an effort to help combat nearly $500-million annual losses from equipment and material theft.

National Mine Service Company
Salutes

M S H A's Coal Mine Rescue & First Aid Contest And The Brave & Dedicated Participants

860 miners representing 139 teams

180 mine inspectors & training personnel supplied by M S H A

The contest, which started in 1911 under Joseph Holmes, 1st Director Bureau of Mines has been run bi-annually with the exception of the war years. Participants are volunteer miners who devote hours of their own time in practice out of concern and love for their fellow miners. National Mine Service Company pledges our support to this program and cites the benefit of this activity to the entire coal community.

1. Specially trained personnel are available at the mine site for emergency first aid & rescue work.
2. The personnel of the teams are active miners and their presence on the shift is a reminder to all that coal mining can be safe if proper safety procedures are observed.
3. Communications between mine safety personnel at these contests and solutions to the contest problems is the basis for the ever improving techniques and the resulting safety records.
4. The opportunity for mine personnel to mingle with M S H A personnel under the friendly atmosphere of competition makes for a better understanding of each others problems and goals.

National Mine Service Company

Pullman Swindell to Market CoaLiquid

LOUISVILLE, Ken. — CoaLiquid, Inc., a Louisville manufacturer of a coal-based liquid fuel oil replacement product, has entered into an agreement for the marketing of CoaLiquid's fuel and process technology with Pullman Swindell, a division of Pullman, Inc.

W. David Shearer, Jr., president of CoaLiquid, said his company's product, which is manufactured from coal, oil and water, can be used with little or no retrofitting in any boiler designed for medium or heavy fuel oil. "Consequently, we see that Pullman Swindell's customers should be very interested in CoaLiquid," Shearer said.

Davis C. Walker, general manager of Pullman Swindell's solid fuels group, said the agreement is another step in Swindell's plan to make alternate fuel supplies available to certain of its major customers, which include the metals and ceramic industries and electrical utilities. The solid fuels group was formed to satisfy the needs of customers caught in the natural gas shortage of 1973, and has developed several solid fuel combustion and gasifier systems which utilize coal and wood waste.

Pullman Swindell, in cooperation with CoaLiquid, is now in the final stages of negotiation for the delivery of CoaLiquid fuel to a major steel company. The fuel would be used in one of the steel company's many blast furnaces. It is anticipated that blast furnace injection of CoaLiquid fuel will be one of the product's primary near-term markets.

Another group within the Swindell division, Torkelson, has been active in the design, construction and operation of coal handling facilities for electrical utilities. Pullman Power Products has also worked with the electrical utility industry in the construction of piping systems, stacks and other major components.

Shearer said the combination of these capabilities with Pullman's traditional strengths in the manufacture, sale and leasing of coal transportation equipment will greatly aid CoaLiquid in the marketing of its product.

TVA Takes Small Operator Coal Bids

Eight contract awards for a total of about 1.5-million tons of coal were made by the TVA Board of Directors at its public meeting September 11 in Knoxville.

The 8 contracts awarded include 6 firms which qualify as small coal operators under a set-aside program to assure a share of TVA business for small firms operating in labor surplus areas. This is the first time TVA has made awards of term coal contracts under its new set-aside program.

The July bid opening drew offers from 58 bidders to supply low-sulfur coal to the Widows Creek Steam Plant in northeast Alabama.

All of the firms to whom awards were made are small coal producers except one, Tennessee Consolidated. Of the 7 small producers, three would not have been among the successful bidders without the set-aside procedure. Under this arrangement, TVA will pay no more for coal from those firms than it would have paid without the set-aside procedure.

Those firms are Bear Creek Coal Co.; T & L Coal Co.; and Cougar Mining, Inc.

The Oct. 29 issue of **Coal Industry News** will analyze the status of the coke industry. It will feature a report by the noted "steel industry priest," **Father William T. Hogan** of Fordham University. An economics professor, Father Hogan is also director of the Industrial Economics Research Institute. This issue, originally scheduled for Sept. 17, was postponed to include this important study.